

'(FILE 'HOME' ENTERED AT 09:30 ON 22 SEP 2003)

FILE 'CAPLUS' ENTERED AT 09:30:39 ON 22 SEP 2003

L1 STRUCTURE UPLOADED

S L1

FILE 'REGISTRY' ENTERED AT 09:31:14 ON 22 SEP 2003

L2 25 S L1

FILE 'CAPLUS' ENTERED AT 09:31:14 ON 22 SEP 2003

L3 26 S L2

L4 0 S L3 AND ACID NUMBER

S L1

FILE 'REGISTRY' ENTERED AT 09:33:17 ON 22 SEP 2003

L5 10808 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:33:34 ON 22 SEP 2003

L6 3708 S L5 FULL

L7 0 S L6 AND ACID NUMBER

L8 37 S L6 AND SULFUR

L9 2 S L6 AND SULFUR AND PHOSPHORUS

L10 STRUCTURE UPLOADED

L11 3359275 S 10

L12 22965 S L11 AND ( CYCLOHEXANE OR CYCLOXENE )

L13 19 S L12 AND SULFUR AND PHOSPHORUS

L14 1 S L12 AND SULFUR AND PHOSPHORUS AND PEROXIDE AND CARBONYL

=> s l12 and diester

14427 DIESTER

L15 120 L12 AND DIESTER

=> s l11 and ( cyclohexane or cyclohexene )

86206 CYCLOHEXANE

34212 CYCLOHEXENE

L16 29949 L11 AND ( CYCLOHEXANE OR CYCLOHEXENE )

=> s l16 and diester

14427 DIESTER

L17 190 L16 AND DIESTER

=> s l17 and sulfur and phosphorus

313999 SULFUR

264075 PHOSPHORUS

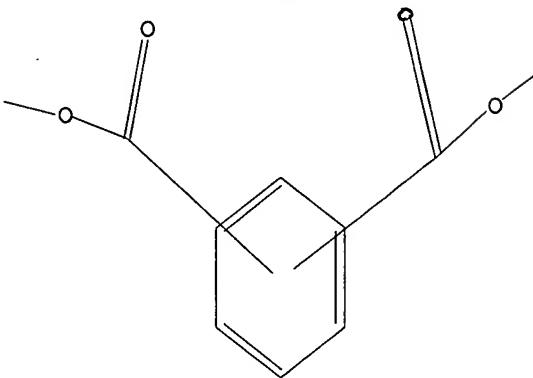
L18 0 L17 AND SULFUR AND PHOSPHORUS

=>

=>  
Uploading 9287.str

L1 STRUCTURE UPLOADED

=> d 11  
L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11  
REGISTRY INITIATED  
Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 09:31:14 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 71034 TO ITERATE

1.4% PROCESSED 1000 ITERATIONS 25 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
BATCH \*\*INCOMPLETE\*\*  
PROJECTED ITERATIONS: EXCEEDS 1000000  
PROJECTED ANSWERS: EXCEEDS 32990

L2 25 SEA SSS SAM L1

L3 26 L2

=> s l3 and acid number  
3722508 ACID  
100654 NUMBER  
1003 ACID NUMBER  
(ACID(W) NUMBER)  
L4 0 L3 AND ACID NUMBER

=> s 11 full  
REGISTRY INITIATED  
Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 09:33:17 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 28.2% PROCESSED 400000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.17

10808 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
BATCH \*\*INCOMPLETE\*\*  
PROJECTED ITERATIONS: EXCEEDS 1000000  
PROJECTED ANSWERS: EXCEEDS 37769

L5 10808 SEA SSS FUL L1

L6 3708 L5

=> s 16 and acid number  
3722508 ACID  
100654 NUMBER  
1003 ACID NUMBER  
(ACID(W) NUMBER)

L7 0 L6 AND ACID NUMBER

=> s 16 and sulfur  
313999 SULFUR

L8 37 L6 AND SULFUR

=> s 16 and sulfur and phosphorus  
313999 SULFUR  
264075 PHOSPHORUS

L9 2 L6 AND SULFUR AND PHOSPHORUS

=> d 1-2 ibib abs hitstr

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1999:751652 CAPLUS

DOCUMENT NUMBER: 132:4005

TITLE: Polyester elastomer resin compositions for blow molding

INVENTOR(S): Furuta, Yoko; Akiba, Kazuki; Miyauchi, Michiharu

PATENT ASSIGNEE(S): Du Pont-Toray Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11323110	A2	19991126	JP 1998-376333	19981221
PRIORITY APPLN. INFO.:			JP 1998-78287	19980310

AB Title compns. comprise (A) 100 parts of a block copolymer consisting of (a) high-m.p. cryst. polymer segment mainly composed by cryst. arom. polyester units and (b) low-m.p. polymer segment mainly composed by aliph. polyether units, (B) 0.01-10 parts of an epoxy compd. having >2 functional groups, (C) 0.01-5 parts of an arom. amine-type antioxidant, (D) 0.01-5 parts of a hindered phenol-type antioxidant, (E) 0.01-5 parts of a sulfur-contg. antioxidant, and/or (F) 0.01-5 parts of a phosphorus-contg. antioxidant. The compns. may also contain 0.1-20 parts of a polyamide resin. The compns. are suitable for making flexible boots.

IT 250786-35-7P

RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

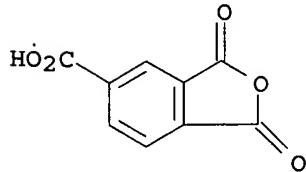
(polyester elastomer resi~~l~~ m~~omp~~ns. for blow molding)

RN 250786-35-7 CAPLUS

CN 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol, 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, methyloxirane and oxirane, block (9CI) (CA INDEX NAME)

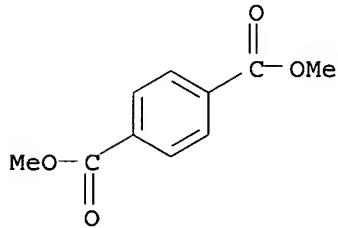
CM 1

CRN 552-30-7  
CMF C9 H4 O5



CM 2

CRN 120-61-6  
CMF C10 H10 O4



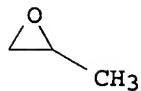
CM 3

CRN 110-63-4  
CMF C4 H10 O2

HO—(CH<sub>2</sub>)<sub>4</sub>—OH

CM 4

CRN 75-56-9  
CMF C3 H6 O



CM 5

CRN 75-21-8  
CMF C2 H4 O



ACCESSION NUMBER: 1999:751651 CAPLUS

DOCUMENT NUMBER: 131:338213

TITLE: Block polyether-polyester thermoplastic elastomer compositions having excellent resistance to oil, grease, and thermal aging

INVENTOR(S): Furuta, Yoko; Kawaguchi, Yasuji

PATENT ASSIGNEE(S): Du Pont-Toray Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

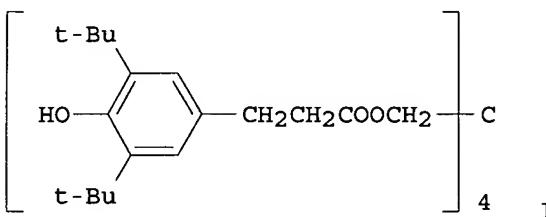
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11323109	A2	19991126	JP 1998-376031	19981218
PRIORITY APPLN. INFO.:			JP 1998-78280	19980310

GI



AB The compns. contain (A) 100 parts polyether-ester block copolymers composed mainly of (a) high-m.p. cryst. polymer segments comprising cryst. arom. polyester units and (b) low-m.p. polymer segments comprising aliph. polyether units, (B) 0.01-5 parts arom. amine-type antioxidants, (C) 0.01-5 parts hinderedphenol-type antioxidants, (D) 0.01-5 parts S-contg. antioxidants and/or (E) 0.01-5 parts P-contg. antioxidants, and optionally (F) 0.1-20 parts polyamides. Thus, 302:327:216 terephthalic acid-1,4-butanediol-poly(tetramethylene oxide) glycol block copolymer 100, p-PhCMe2C6H4NHC6H4CMe2Ph 1.5, a hindered phenol I 0.5, and (H25C12CO2CH2CH2)2S 0.5 part were dry-blended, kneaded at 240.degree., pelletized, and injection-molded to give test pieces having excellent resistance to hot (120.degree.) oil and grease, and aging at 160.degree..

IT 228545-71-9P

RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); PREP (Preparation); USES (Uses)  
(rubber; block polyether-polyester thermoplastic elastomer compns.  
having excellent resistance to oil, grease, and thermal aging)

RN 228545-71-9 CAPLUS

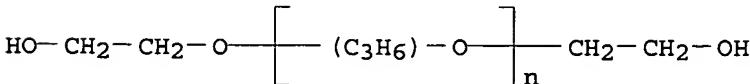
CN 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol and .alpha.- (2-hydroxyethyl) -.omega.- (2-hydroxyethoxy) poly[oxy(methyl-1,2-ethanediyl)], block (9CI) (CA INDEX NAME)

CM 1

CRN 161588-29-0

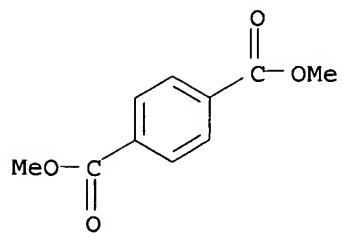
CMF (C<sub>3</sub> H<sub>6</sub> O)<sub>n</sub> C<sub>4</sub> H<sub>10</sub> O<sub>3</sub>

CCI IDS, PMS



CM 2

CRN 120-61-6  
CMF C10 H10 O4



CM 3

CRN 110-63-4  
CMF C4 H10 O2

HO—(CH<sub>2</sub>)<sub>4</sub>—OH